

## ABSTRACT OF THE DISCLOSURE

A centralized gateway connects to a broadband digital network for receiving various types of video feeds. The gateway provides output television signals directly to conventional inputs of standard television receivers. Port extenders connected to the gateway via a local-area network allow users to select a video feed sent by the gateway to a television associated with each port extender. The port extenders each provide a convenient and low cost termination point for keyboards, mice, joysticks, digital cameras, and other peripheral devices to interact with computer-based network services via the centralized gateway. The capabilities of the port extenders and the gateway provide a substitute for a personal computer in basic Internet access activities as well as a lower cost system for providing network based video programming to multiple televisions.